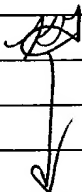


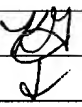


|   |  |  |  |   |  |                              |  |
|---|--|--|--|---|--|------------------------------|--|
| Form PTO-1449-<br>(MODIFIED)  |  | U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE |  | ATTY. DOCKET NO.<br>053694-0112         |  | SERIAL NO.<br>To Be Assigned |  |
| <b>INFORMATION DISCLOSURE CITATION</b><br><br>(Use several sheets if necessary) |  |  |  | APPLICANT<br>David John Edwards, et al. |  |                              |  |
|   |  |  |  | FILING DATE<br>September 6, 2001        |  | GROUP ART UNIT<br>Unassigned |  |

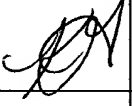
  

| U.S. PATENT DOCUMENTS   |     |                    |            |                     |       |               |                                  |
|---|-----|--------------------|------------|---------------------|-------|---------------|----------------------------------|
| EXAMINER<br>INITIAL   | REF | DOCUMENT<br>NUMBER | DATE       | NAME                | CLASS | SUB-<br>CLASS | FILING DATE<br>IF<br>APPROPRIATE |
|  | A1  | 4,853,650          | 08/01/1989 | Bowling et al.      | 330   | 287           |                                  |
|   | A2  | 2,420,354          | 05/13/1947 | Carter et al.       | 178   | 44            |                                  |
|   | A3  | 4,234,854          | 11/18/1980 | Schellenberg et al. | 330   | 286           |                                  |
|   | A4  | 4,371,845          | 02/01/1983 | Pitzalis, Jr.       | 330   | 277           |                                  |
|   |     |                    |            |                     |       |               |                                  |
|   |     |                    |            |                     |       |               |                                  |
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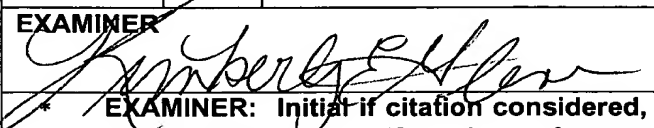
  

| FOREIGN PATENT DOCUMENTS   |     |                    |            |                    |       |               |             |    |
|--|-----|--------------------|------------|--------------------|-------|---------------|-------------|----|
| EXAMINER<br>INITIAL  | REF | DOCUMENT<br>NUMBER | DATE       | COUNTRY            | CLASS | SUB-<br>CLASS | TRANSLATION |    |
|  |     |                    |            |                    |       |               | YES         | NO |
|  | A5  | 2 263 612          | 10/3/1975  | Republic of France |       |               |             | XX |
|  | A6  | 2 326 286          | 12/16/1998 | United Kingdom     |       |               |             |    |
|  |     |                    |            |                    |       |               |             |    |
|  |     |                    |            |                    |       |               |             |    |

| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)             |   |
|--|---|
|  | A7 Boifot, Anton M., "Classification of Ortho-Mode Transducers", <u>European Transactions on Telecommunication and Related Technologies</u> , Vol. 2, No. 5, pp. 503-510, (Sept.-Oct. 1991) |
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| EXAMINER<br> | DATE CONSIDERED<br>2/6/03 |
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